

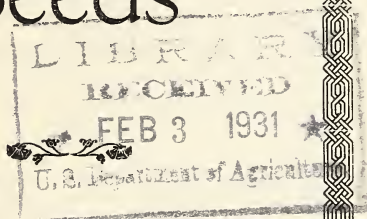
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6251 1931  
No. 14

# Unusual Bulb Seeds



Seeds listed will be forwarded as they are ready. Prices herein are postpaid. Send cash with order. No shipments made C. O. D. Safe arrival guaranteed. I have ample supplies of most sorts but a few stocks are limited and early orders are suggested.



REX. D. PEARCE

Grower and Importer

6930 WALNUT AVE.

MERCHANTVILLE, N. J.

## SEEDS OF FLOWERING BULBS AND ALLIED PLANTS



Many flowering bulbs and related plants can be grown from seed more surely, more quickly, and at less cost than in any other way. Other kinds, formerly imported freely, have been rare for some years because forbidden entry as bulbs by the Federal Plant Quarantine, and may now be obtained in seed form only.

A considerable portion of the seed offered below is of my own saving, but some of it comes from other specialist growers in this country and Europe, and a part of it is obtained from plant and seed collectors with whom I keep in touch in various odd corners of the world. Seeds not of my own growing are offered subject to arrival, but I expect to be able to supply all varieties in this list and usually orders are filled in full immediately. It may, however, happen at times that certain items will not be ready, and these will necessarily have to follow later. I try to send out only good seeds, but I cannot control the conditions under which they are planted, and I will not guarantee the results obtained from them, nor be in any way responsible for the crop. If these terms are not accepted by the purchaser, the seeds are to be immediately returned, when the money paid for them will be cheerfully refunded. It must be understood that while seed of a large part of the varieties offered germinates readily, that of certain other sorts comes much more slowly. However, I believe that it is entirely practicable to grow from seeds in either an experimental or a commercial way, all of the varieties and species here offered.

**PAYMENT.** Money orders are preferred remittance form, but personal checks are acceptable. Stamps may be enclosed for amounts under \$1.00, but please send two-cent size if possible. Customers outside of the United States should note that I cannot make use of foreign stamps.

**SPECIAL PACKAGES.** These contain from three to five times as much seed as a regular packet, and are put up for those who desire to make larger plantings. They are sometimes called **TRADE PACKETS**.

**GROUP HEADINGS.** For convenience, I have gathered my seed offerings under various headings. I am aware that these overlap and are neither inclusive nor exclusive. However, they are natural and interesting groupings and will doubtless better serve the present purpose than would more formal and scientific classifications.

## ALLIUM GROUP

**Allium Moly**—Showy masses of golden yellow flowers in early spring, just at Iris time. Entirely hardy. A valuable bulb for rock gardens or borders. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c.

**Allium Neapolitanum**—Fine large clusters of fragrant pure white flowers with colored stamens. Forces readily. Outside, hardy with some protection. Grows easily from seed. Pkt. 25c.

**Allium Pulchellum**—Clusters of rosy pink flowers carried on slender wiry stems. Hardy. Very good. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

**Allium Azureum**—A charming hardy species bearing flower heads of clearest deep sky blue. Rare. Pkt. 30c.

**Allium, Hardy Blend**—A most interesting class of hardy bulbs, all easily grown from seed. Colors include pink, rose, pale blue, violet, yellow, etc. Offered in mixture only. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.35; 1 oz. \$4.00.

## AMARYLLIS GROUP

**Amaryllis Formosissima**—Jacobean Lily. A most effective flower for pot growing, garden use or cutting. In pots treat like any other Amaryllis, and in the garden like a gladiolus. It is the only Amaryllis that blooms freely in the open ground in the North. May be forced in water, Hyacinth fashion. Enormous fantastically shaped flowers of brilliant glowing crimson having, in certain lights, a golden sheen. Seeds grow quickly. 25 seed pkt. for 20c; 100 seeds for 60c; 250 seeds for \$1.25; 1000 seeds for \$4.50.

**Amaryllis, White Monarch**—Splendid snow white finely formed flowers, marked with rose pink. A wonderful variety for house culture. Rare. 5 seeds for 25c; 10 seeds for 45c; 25 seeds for 85c.

**Amaryllis, Peerless Hybrids**—Seed saved only from giant flowered plants, and should give blooms of a marvelous diversity of colors and markings, ranging from tinted white through various shades of pink and rose to scarlet and deepest crimson. This strain for house culture only in the North, but may be grown outside in the South. Seed germinates readily. 15 seed pkt. for 25c; 50 seeds for 70c; 100 seeds for \$1.25; 250 seeds for \$3.00; 1000 seeds for \$11.00.

**Amaryllis Belladonna**—Flower stems two to three feet high, topped with umbels of graceful lily-shaped flowers that vary in color from palest blush to deepest satiny rose. This beautiful Amaryllis is usually hardy in the open ground if planted deeply, at least south of Washington, and in the North it may be handled very well as a pot plant. Pkt. of 15 seeds for 25c; 50 seeds for 75c; 100 seeds for \$1.25; 250 seeds for \$2.50.

**Cyrtanthus Sanguinea**—A handsome flowering bulb that grows readily from seed. Large flowers of expanded trumpet form, bright scarlet within but buff orange outside, each petal bearing a blood red stripe on the back. Give Amaryllis culture. Unusual. Pkt. 40c; special pkg. \$1.00.

**Amaryllis Collection**—One packet each of the above five Amaryllis varieties, including Cyrtanthus, for \$1.15.

### ANOMATHECA

**Anomatheca Juncea**—An early summer bulb, carrying flowers of exquisite coloring. The dainty rose pink blooms are produced in succession over a long period. Hardy if mulched. Forces well. Pkt. 25c; special pkg. 70c.

**Anomatheca Cruenta**—Loosely formed sprays of brilliant carmine flowers. Much like the variety above, but brighter in coloring and possibly slightly hardier. Summer blooming. Increases rapidly, and the bulb clumps must be divided every two or three years. Pkt. 25c; special pkg. 70c;  $\frac{1}{8}$  oz. \$1.25.

### ARUM GROUP

**Calla Devoniensis**—The dwarf free-flowering type of white Calla, to which the Little Gem and Godfrey varieties belong. Pkt. 15c; special pkg. 35c;  $\frac{1}{2}$  oz. 75c.

**Arisaema Speciosa**—An oriental bulbous plant midway between "Jack-in-the-pulpit" and the Calla. Ornamental three-parted leaves of rich green, edged blood red. The large glossy purple flowers are of Calla form. Comes from the temperate foot-hills of the Himalaya Mountains and should be hardy fairly far north. Pkt. 25c; special pkg. 60c.

**Arum Maculatum**—Lords-and-Ladies. A hardy plant with large arrow-shaped black spotted leaves and flower-like cream-colored rolled spathe. Blooms vary in shading and marking and are often prettily splashed with purple. Pkt. 10c; special pkg. 25c;  $\frac{1}{4}$  oz. 50c; 1 oz. \$1.50.

### ASCLEPIAS TUBEROSA

**Butterfly Flower**—Showy flower clusters of most brilliant flaming orange, varying rarely to yellow or scarlet. About the finest of our American hardy bulbs, and one having further possibilities for development. Pkt. 25c; special pkg. 60c;  $\frac{1}{8}$  oz. 90c;  $\frac{1}{4}$  oz. \$1.65.

### BRODIAE

The Brodiaes are interesting flowering bulbs, hardy anywhere in the Northern States if given a light covering of straw or leaves in winter. The brightly colored flowers are borne in clusters or umbels on slender stems. Very good for cutting.

**Brodiae Coccinea**—Firecracker Flower. Tubular vivid crimson flowers with green tips, carried on two-foot stems. Pkt. 25c; special pkg. 60c.

**Brodiae Laxa**—Ithuriel's Spear. Stems 20 to 24 inches high, topped with umbels of showy clear blue flowers. One of the finest. Pkt. 30c; special pkg. 75c;  $\frac{1}{8}$  oz. \$1.25.

**Brodiae Ixioides**—Golden Star. Clusters of fine golden yellow flowers on eight-inch stems. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

**Brodiae Grandiflora**—Carries large flowers of rich glossy purple on tall stems. Long lasting. Pkt. 20c; special pkg. 50c.



**Brodiae Collection**—One pkt. each of the four Brodiaes described above, for 75c.

### CALOCHORTUS

These charming bulbous plants variously called Mariposa Lilies and Star or Butterfly Tulips, are quite hardy and require but slight protection. No flower has a greater range of beautiful colorings and markings. They may be grown from seed without difficulty.

**Calochortus V. Citrinus**—Lemon yellow flowers with dark maroon blotch on each petal. A gem for cutting. Pkt. 25c; special pkg. 60c.

**Calochortus Davidsonianus**—Pretty flowers of clear orchid lavender. Likes clay soil and south exposure. Pkt. 25c; special pkg. 60c.

**Calochortus Clavatus**—The Golden Bowl. Flowers five to six inches across, deep golden yellow, sometimes with bronze or olive brown shadings. Robust. Pkt. 25c; special pkg. 60c.

**Calochortus Mixed**—Saved from a wonderful assortment of varieties and species. The pretty tulip-like flowers will show shades of pink, rose, lilac, purple, primrose and yellow, often marked with chocolate or maroon. Pkt. 25c; special pkg. 60c;  $\frac{1}{8}$  oz. \$1.00;  $\frac{1}{4}$  oz. \$1.75; 1 oz. \$6.00.

**Calochortus Collection**—One pkt. each of the above four for 90c.

### CANNA

**Bronze-Leaved Selection**—Seed saved only from sorts with bronze or purple leaves. Seedlings will not all come true but will show a large proportion of these colorings. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 65c.

### CAMASSIA

**Camassia Esculenta**—One of our very finest hardy bulbs, long-lived and free-blooming. Bears spikes two feet high, filled with showy deep blue flowers. Thrives anywhere. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.50.

**Camassia Leichtlini Alba**—Bears splendid spikes of creamy white flowers; often four feet tall. When well grown this is as beautiful as an Eremurus. Hardy and permanent. Pkt. 25c; special pkg. 75c.

**Camassia Cusicki**—Possibly the easiest grown of this easily handled family. From the large bulbs arise many wavy ribbon-like leaves, while carried above them are tall spikes filled with little starry flowers of palest delicate blue. Pkt. 25c. special pkg. 60c;  $\frac{1}{4}$  oz. \$1.65.

### EARLY SPRING BULBS

**Chionodoxa Lucilae**—Glory of the Snow. One of the prettiest hardy early spring bulbs. The flowers are pure sky blue, with milk white centers. Very good for rockeries and borders, or for naturalizing. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

**Convallaria Majalis**—Lily of the Valley. Pendant white fragrant bells. An old garden favorite, easily grown from seed. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 50c.

**Crocus, Spring Flowering Mixed**—Saved from finest named giant flowering sorts. Each seedling will be new and distinct, possibly worth naming and introducing. Pkt. 25c.

**Romulea Rosea**—A dwarf growing spring blooming bulb, having very pretty crocus shaped flowers of lilac pink with primrose yellow throats. Forces well, or is suitable for the rockery. Requires winter mulching in the north. Pkt. 25c; special pkg. 60c.

**Early Spring Collection**—One packet each of the above for 75c.

### EREMURUS

The Great Desert or Foxtail Lilies. These are magnificent plants with majestic flower spikes four to eight feet high. The myriads of flowers are like small stars. They come in white and in various shades of pink, rose, yellow, copper and orange. Eremurus grows readily from seed, but several years are required to produce flowering plants. However, they are well worth waiting for. Full blooming size roots sell for five to ten dollars apiece. They are natives of the cold plateau of Turkestan. Hardy in the north if given slight winter protection.

**Eremurus Himalaicus**—Splendidly filled spikes of tiny snowy white flowers. Pkt. of 25 seeds for 25c; 50 seeds for 45c; 100 seeds for 75c; 500 seeds for \$3.00.

**Eremurus Bungei Perfectus**—Fine spikes of deep rich golden orange flowers. Pkt. of 25 seeds for 25c; 50 seeds for 45c; 100 seeds for 75c; 500 seeds for \$3.00.

**Eremurus Robustus**—One of the tallest and hardiest sorts. Rosy pink. Pkt. of 25 seeds for 45c; 50 seeds for 80c; 100 seeds for \$1.50; 500 seeds for \$6.00.

**Eremurus, Peerless Hybrids**—A new blend, showing a marvelous diversity of rare colorings. Highly recommended. Pkt. of 25 seeds for 20c; 50 seeds for 35c; 100 seeds for 65c; 500 seeds for \$2.75; 1000 seeds for \$5.00.

**Eremurus Collection**—25 seeds each of the above four strains, labeled separately, for \$1.00.

### ERYTHRONIUM

Dog-tooth Violets. Hardy bulbs for the rockery or a partly shaded corner. Charming lily-shaped flowers.

**Erythronium Grandiflorum Robustum**—Recurved fairy lilies of richest golden yellow, on 18-inch stems. Hardy. Flourishes in sun or shade. Pkt. 20c; special pkg. 50c; ¼ oz. \$1.35.

**Erythronium Hendersoni**—Pretty pale purple flowers with maroon black centers, carried on 12-inch stems. Thrives in light shade. Hardy. Pkt. 25c; special pkg. 65c; ¼ oz. \$1.65.

### EUROPEAN BULBS

Beautiful and diverse flowering bulbs and bulb-like plants from the Mother Continent.

**Anthericum Liliastrum**—St. Bruno's Lily. A charming hardy border plant, bearing two-foot high sprays of attractive snowy white trumpet-shaped flowers. Pkt. 15c; special pkg. 35c; ¼ oz. 70c.



**Asphodelus Luteus**—King's Spear or Golden Asphodel. Tall spikes of rich yellow flowers. Hardy and easy to grow. Pkt. 25c; special pkg. 60c.

**Pancratium Maritimum**—Sea Daffodil. Attractive, pure white, oddly shaped Daffodil-like flowers, carried in clusters of five to ten on two-foot stems. Thrives in sandy soil and direct sunlight. Also grows readily and satisfactorily under glass. Delightfully perfumed. Rare. Pkt. of 10 seeds for 25c; 30 seeds for 60c.

**Helleborus Niger**—The Christmas Rose. Large pure white, or sometimes rose flushed, flowers. A few mild days will bring them into bloom in January or February, or even in December. Hardy. Seed germinates a little slowly. Give it time. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 85c.

**Narcissus or Daffodil**—Giant Trumpet Blend—Saved from the very finest and largest named sorts. This seed is a blend of stocks from three sources, part coming from a great Irish estate famous for its Daffodil collection, part from a specialist grower in the State of Washington, and part is the product of my own hand hybridizations of such sorts as Olympia, Robert Sydenham, Van Waveren's Giant, King Alfred, Emperor and others. New Narcissus varieties of highest quality and well worth introduction should come from this. Pkt. 30c; special pkg. 75c;  $\frac{1}{8}$  oz. \$1.35.

## FALL BLOOMING BULBS

**Colchicum Autumnale**—The large cup-shaped crocus-like blooms of various shades of mauve, lavender and purple, appear as if by magic in August and September, long after the foliage has died down. Effective for rockeries and for naturalizing. May also be forced. Pkt. 10c; special pkg. 25c;  $\frac{1}{4}$  oz. 40c; 1 oz. \$1.25.

**Cyclamen Neapolitanum**—A garden cyclamen, blooming in late August. Large rosy crimson flowers. Grow in moist sheltered position in half shade. Hardy with protection. Rare. Pkt. 35c; special pkg. 85c.

## FREESIA GROUP

**Freesia Refracta Alba**—Creamy to pure white, usually with deep yellow spot on lower flower petal. Pkt. 10c; special pkg. 20c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.00.

**Freesia, Rainbow Hybrids**—Pink, mauve, salmon, lilac and yellow in mixture. Freesias grow quickly from seed. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$2.50.

**Lachenalia Reflexa**—Drooping cylindrical bell-like flowers of creamy yellow, carried in slender spikes. Entirely distinct from Freesia, but requires exactly the same culture and grows just as freely from seed. Pkt. 20c; special pkg. 50c.

## FRITILLARIAS FROM SEED

Fritillarias are first cousins of the Lilies and even yet botanists have been unable to determine where Lilies leave off and Fritillarias begin. Although less spectacular, if we except *Fritillaria Imperialis*, than their noble relatives, they have nevertheless a quiet and distinctive beauty of their own. They are hardy and particularly good for the rock garden.

**Fritillaria Cirrhosa**—Dwarf nodding lily-like flowers of old gold checkered with purple. A native of the middle Himalayas. Rare. Hardy. Pkt. 35c.

**Fritillaria Recurva**—Bell-shaped flowers, brilliant yellow inside, clear red outside. Pkt. 35c.

**Fritillaria Delphinensis**—Pretty flowers of plum violet, sometimes marked with buff. Easily grown. Pkt. 35c.

**Fritillaria Imperialis**—The Crown Imperial. Grows up to three feet tall and bears a crown of bell-shaped blooms in various soft shades of red and yellow. Pkt. 25c; special pkg. 65c.

**Fritillaria Collection**—One packet each of the above four sorts for \$1.00.

## GLADIOLI FROM SEED

The *Gladiolus* grows easily from seed, occasionally blooming the first year and almost certainly the second. Sow early or else shade seed bed to give the cool soil temperature that it likes.

**Gladiolus Gandavensis**—The large flowered section to which most of the choice varieties now in cultivation belong. Seed saved from a fine assortment of named kinds. Pkt. 10c; special pkg. 20c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.00;  $\frac{1}{4}$  lb. \$3.00; 1 lb. \$9.00.

**Gladiolus, Peerless Strain**—Hand hybridized seed, saved from various crossings of such sorts as Golden Measure, Emile Aubrun, Minuet, Mrs. F. C. Hornberger, Veilchenblau, Gloriana, Copper Bronze, Purple Glory, The Orchid, Apricot Glow, Rose Mist, Mrs. van Konynenburg, W. H. Phipps and many others just as outstanding. Will produce some wonderfully fine things. Stock limited. Pkt. 40c; special pkg. \$1.00.

**Gladiolus, New Blue Hybrids**—Seed saved from the finest blue, lavender and violet sorts; a blend of stock from three separate hybridizers, one French, one German and one American. Flowers will vary considerably in coloring, but this should give new kinds well worth naming. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.50.

**Gladiolus, Primulinus Hybrids**—Rare shades of saffron, copper, primrose, apricot, salmon and orange, together with many other unusual colorings, will be found among these seedlings. Pkt. 10c; special pkg. 20c;  $\frac{1}{4}$  oz. 35c; 1 oz. 90c;  $\frac{1}{4}$  lb. \$2.75; 1 lb. \$8.00.

**Gladiolus Collection**—One pkt. each of the above four strains for 85c.

## GLADIOLUS COUSINS

Various interesting flowering bulbs related to the Gladiolus and just as easily grown from seed.

**Antholyza Aethiopica**—Rather tall dense spikes of orange flowers, shaded rosy purple. Very free. Worth while. Handle bulbs like Gladioli. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 65c.

**Watsonia Hybrids**—The Bugle Lily. Tall gladiolus-like flowers in a wide range of colorings. Seed germinates quickly and strongly. Pkt. 25c; special pkg. 65c;  $\frac{1}{4}$  oz. \$1.75.

**Montbretia Hybrids**—Softly shaded red, chrome yellow and orange flowers in slender spikes. Blooms continually from mid-July until frost. Makes a bright spot in the border, or is effective for cutting. Seedlings from early sowings sometimes bloom first year. Pkt. 30c; special pkg. 85c.

## GLORIOSA SUPERBA

**The Glory or Climbing Lily**—A twining plant of easiest culture, giving many fine recurved lily-like flowers of golden orange, changing to brilliant scarlet. May be grown indoors in pots or in the open ground through the summer, storing the tubers in dry sand during the winter. Pkt. of 15 seeds for 25c; 50 seeds for 75c; 100 seeds for \$1.25.

## HEMEROCALLIS

**Hemerocallis Flava**—The Lemon Lily. Pretty fragrant flaring trumpet-shaped flowers of clear lemon yellow. Very hardy. Pkt. 20c; special pkg. 50c.

**Hemerocallis Blend**—Day Lily. Fine hardy bulb-like plants with flowers of expanded trumpet form in various shades of pale lemon, gold, tawny orange and copper. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$3.25.

## HYACINTH GROUP

**Hyacinthus Candicans**—Galtonia or Summer Hyacinth. Great four-foot spires laden with creamy white pendant bells. Hardy. Seed germinates quickly and even one-year-old bulbs will give bloom. Pkt. 10c; special pkg. 20c;  $\frac{1}{2}$  oz. 35c; 1 oz. 60c;  $\frac{1}{4}$  lb. \$1.75; 1 lb. \$5.00.

**Hyacinthus Azureus**—A pretty and unusual miniature Hyacinth produced only from seed. The spikes of brightest blue flowers grow only a few inches high but give a mass of delightful color for several weeks, beginning in early March. Hardy. Good rockery or forcing bulb. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.00.

**Hyacinthus Orientalis**—The large flowered Dutch Hyacinth so effectively used for bedding and forcing. Seeds grow freely and it is from seedlings that new varieties are secured. America should produce its own new Hyacinths. Seed saved from an extensive collection. Pkt. 25c; special pkg. 60c.

## HARDY IRIS SPECIES

The Iris family gives us some of our most interesting and showy flowers for outdoor bloom. The kinds offered here are all of easy culture and growing them from seed is not only an entirely practicable method of commercial propagation, but also the simplest way for the amateur to build up his stocks.

**Iris Aurea**—A noble species from the Himalayas.

Large flowers of rich deep golden yellow on four-foot stems. Pkt. 25c; special pkg. 65c.

**Iris Bracteata**—Crowded tufts of foliage from which rise pretty flowers of soft yellow, netted with brown purple. Pkt. 15c; special pkg. 35c; ¼ oz. 85c; 1 oz. \$3.00.

**Iris Chrysofor**—A new and interesting race of hybrid Irises, producing in June multitudes of beautiful orchid-like flowers on 12 to 15 inch stems. These are particularly good for cutting, lasting several days. Colors range from white through sulphur and gold, to rich bronze; from soft blue and lavender, to deepest purple. Often the blooms carry markings of contrasting colors. Will flower within a year from seed. Pkt. 35c; special pkg. 85c.

**Iris—Dwarf Hybrids (1. Pumila).** The earliest flowering class, growing only a few inches tall and of particular value for the rockery or for edgings. Hardy. Flowers of remarkable size, in various combinations of blue, yellow, purple and white. Mixed colors. Pkt. 15c; special pkg. 30c; ¼ oz. 60c; 1 oz. \$2.00.

**Iris Missouriensis**—A charming early flowering species with evergreen grass-like foliage and soft blue flowers, blotched with yellow. Sometimes varies to snowy white. Pkt. 15c; special pkg. 30c; ¼ oz. 60c; 1 oz. \$2.00.

**Iris Ochroleuca Gigantea**—The gold-banded Iris. Large handsome flowers on five-foot stems, ivory white but marked with golden yellow on the falls. Hardy. Pkt. 25c.

**Iris Pseudacorus**—The Water Iris. Medium-sized sulphur yellow flowers, veined with brown, carried on two to three-foot stems. Plant this in quantity to naturalize in damp places and marsh edges, where it will thrive luxuriantly. Also does well under ordinary garden conditions. Pkt. 10c; ¼ oz. 20c; 1 oz. 60c; ¼ lb. \$1.75; 1 lb. \$5.00.

**Iris Sibirica Blend**—A hardy and extremely free flowering type, coming in white and in various shades of light and dark blue, and of violet. Many of the blue forms are marked or edged with white. Fine for cutting, lasting long in water. Effective for the border and not too large for the rockery. Very hardy. Mixed colors. Pkt. 10c; ¼ oz. 30c; 1 oz. \$1.00; ¼ lb. \$3.00.

**Iris Sibirica, Blue King**—Deep blue, penciled with black purple. Pkt. 15c; ¼ oz. 50c; 1 oz. \$1.75.

**Iris Sibirica, Snow Queen**—Large flowers of clear ivory white. Pkt. 20c; ¼ oz. 60c; 1 oz. \$2.00.

**Iris Sibirica, George Wallace**—Azure blue marked with white. Pkt. 25c; special pkg. 60c.



**Iris, Spanish (I. Xiphium)**—This Iris is entirely distinct from the other kinds, growing from a true bulb. The flowers have a unique orchid-like beauty and a wide range of colors and markings, including rich bronze combinations as well as snowy white, pale blue, purple, primrose, lemon yellow and gold. Many of the blooms will be veined or suffused with contrasting hues. The Spanish Iris lasts longer than any other kind when cut. It forces readily. Hardy in the garden. Pkt. 20c; special pkg. 40c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.50.

**Iris Tectorum**—The Roof Iris of Japan. Bears loose sprays of large flat rich blue flowers with distinctive white crests. Evergreen foliage. Fine for pot culture, but also good in the garden. Pkt. 30c.

**Iris Tenax**—A charming little species. Flowers vary from lavender and purple to white, mauve pink and claret. Dwarf and fits well in the rock garden. Thrives in full sun and rather prefers a dry, somewhat heavy soil. Good for cutting. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; 1 oz. \$1.75.

**Iris Wilsoni**—For all practical purposes this is a clear primrose yellow Iris Sibirica, having the same foliage and type of bloom and being just as satisfactory in every way. Comes from West China and is still rare. Pkt. 40c.

## IXIA GROUP

Four easily grown flowering bulbs.

**Ixia, Peerless Blend**—Graceful panicles of varied bloom; pink, rose, crimson, orange, yellow, cream, lilac and mauve. Sometimes the flowers will show blue or brown eyes or other markings. Ixias are wonderful bulbs for forcing. Hardy with protection in the open ground. Seed germinates quickly and strongly. Pkt. 25c; special pkg. 60c.

**Pardanthus Sinensis (Belamcanda)**—Chinese Ixia or Blackberry Lily. Iris foliage above which are carried on three-foot branching stems, the many pretty flowers of deep orange, spotted with crimson. These are followed by ornamental seed clusters formed like great glossy blackberries, which are often used in winter bouquets. An easily grown bulbous plant of exotic appearance. Hardy. A very satisfactory flower. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.00;  $\frac{1}{4}$  lb. \$5.00.

**Babiana Mixed**—Handsome flowers in various shades of red, rose, violet, mauve, blue, yellow and white, growing about one foot high. Babiana thrives out-of-doors in mild climates, or in frames or pots in the North. Comes quickly from seed. Pkt. 20c; special pkg. 50c.

**Dierama Pendula**—Fairly Bells. Considered by many as the finest of South African flowering bulbs. Pretty bell-shaped flowers in diversified shades of rose, red and amaranth, hang pendant from the tall arching stems. Handle like gladioli. Pkt. 25c; special pkg. 60c.

**Ixia Group Collection**—One packet each of the above four for 75c.

## MEXICAN BULBS

A varied group of valuable bulbs, ranging in the wild from the Texan plains to the mountains of Mexico.

**Commelina Coelestis**—Day Flower. Masses of brightest sky-blue blossoms. 18 inches. Grows easily from seed. Store tubers like Dahlias. Pkt. 15c; special pkg. 35c.

**Cooperia**—The Rain or Frost Lily. Flat, waxy petaled flowers on long stems, white but tinged with pink on the reverse. Fragrant. Excellent garden or cut flowers. Handle bulbs like gladioli. May be forced. Seed grows strongly. Pkt. 30c.

**Nothoscordum Fragrans**—Pretty flowers of pale blush with darker lines, delicately fragrant, are borne in umbels of from 8 to 20 on two-foot stems. Dig bulbs in fall and store like Gladioli. Pkt. 30c.

**Bidens Dahlioides**—Except for its color, an unusual shade of rich deep brown, the flower might be a Cosmos. It grows without difficulty from seed, making a cluster of tuberous roots that may be wintered like those of the Dahlia. Pkt. 15c; special pkg. 40c.

**Milla Biflora**—The White Star Lily. A likeable flower from the Mexican Highlands. The blossom is two to three inches across, fragrant, of purest snowy white, with six waxy petals that are not quite separated, as if all had been cut from one piece. On the reverse the petals are striped with soft apple green. From two to seven of the flowers are carried on wiry stems twenty inches high. Makes a splendid garden cut flower, blooming freely from June until frost. Handle bulbs like Gladioli. Comes readily from seed. Rare. Pkt. 30c; special pkg. 75c;  $\frac{1}{8}$  oz. \$1.25;  $\frac{1}{4}$  oz. \$2.35; 1 oz. \$9.00

## MUSCARI (GRAPE HYACINTHS)

**Muscari, Heavenly Blue**—The earliest flowering Grape Hyacinth, blooming in April. The name describes its color, and an established bed of this is like a bit of the sky for some six weeks or more. Delightful in rockeries. Forces well. Absolutely hardy. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. 75c.

**Muscari Armeniacum**—Late blooming, beginning when Heavenly Blue is almost done. The flowers are of deep cobalt blue laced with white, and are somewhat larger and longer stemmed than those of other Muscari. Intensely fragrant. Hardy. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. 85c.

## NEW ZEALAND BULBS

**Libertia Grandiflora**—An attractive bulbous plant, with dark shining green foliage and spikes of snowy white flowers that have the delicate beauty of an orchid. Grow in a cold frame or as a house plant in the North. Hardy south of Washington. Pkt. 25c; special pkg. 65c.

**Chrysobactron Hookerii**—A worth-while New Zealand bulb with swordlike leaves and sprays of pretty golden yellow flowers. Needs rich soil and plenty of moisture. Pkt. 25c; special pkg. 65c.



**Phormium Tenax**—Flax Lily. Handsome strong growing plants for unusual effects. Ornamental Yucca type foliage, often variegated, above which rise tall panicles of red and yellow bloom. Grow as a tub plant in the North or out-of-doors in the South. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.00.

## ORIENTAL BULBS

Six splendid sorts from the Orient.

**Bletilla Hyacinthina**—An outdoor Orchid, growing from a bulb-like tuber, and thriving in half shade. Bears spikes of amethyst purple flowers that are particularly good for cutting. Hardy with protection. Pkt. 35c; special pkg. 85c.

**Dielytra Spectabilis**—Bleeding Heart. Graceful sprays in early spring of pendant rosy-red heart-shaped flowers, each prettily tipped with white. Attractive glossy foliage all summer. Hardy as an Oak. Pkt. 25c.

**Hedychium Gardnerianum**—Garland Lily. Deep green "Canna" foliage. Garland-like spikes of creamy yellow very fragrant flowers, followed by showy red fruits. Grow in pots under glass in winter, plunging in open border during summer months. Blooms most freely in autumn, but more or less the year around. Pkt. 20c; special pkg. 50c.

**Funkia Mixed**—The Blue Day Lily. Carries spikes of fine lily-like flowers in blue, lilac and lavender, but it would be well worth growing for its ornamental foliage alone. I offer seed in a blend of all the types, including a liberal proportion of those having variegated leaves. Hardy. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c.

**Ranunculus, New Florentine**—A wonderful strain, having flowers much larger than in the French type, mostly fully double and coming in varied shades and combinations of chrome yellow, buff, orange and scarlet. Hardy in the North if well protected, or may be lifted and stored in cellar over winter. Native to Palestine and Iraq. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 60c; 1 oz. \$1.75.

**Rheum Palmatum Rubro**—Robust hardy ornamental foliage plants with thick roots. Use for backgrounds or bold effects. Very large lobed undulate leaves with showy six-foot panicles of dark red bloom. Hardy. Comes easily from seed. Pkt. 10c; special pkg. 20c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.00.

## ORNITHOGALUM

**Ornithogalum Thrysoides**—The Chinkerichee of South Africa. This bears clusters or spikes of flowers that vary in different plants from snowy white to primrose or yellow. Makes a superb cut flower, lasting longer than any other, sometimes as much as two months. North of Washington protect in frames or by heavy mulching. All Ornithogalums grow readily from seed. Pkt. 25c; special pkg. 65c.

## PEONIES FROM SEED

Growing Peonies from seed is most interesting work, for it is in this way that new varieties are produced. Peony seed germinates slowly, but if properly cared for almost all of it will eventually grow. Don't get impatient.

**Peony, Finest Chinese Double**—A blend of seeds saved from the best American and European collections. There should be some real treasures here. Color range includes blush, pink, rose, carmine, crimson, cream and white, the latter often flecked with red. Nearly all of our present-day named varieties belong to this class. 10 seeds for 20c; 25 seeds for 45c; 50 seeds for 85c; 100 seeds for \$1.50; 500 seeds for \$6.00.

**Peony Officinalis**—The old-fashioned "Red as a Peony" kind, and still one of the finest sorts grown. Large flowers of richest red-crimson. Comes true to color from seed but there will be some variation in form and doubleness. This type is much in demand and growing it from seed is possibly the most practicable method of working up a stock of the plants. Early blooming. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; 1 oz. 90c;  $\frac{1}{4}$  lb. \$2.25.

**Peony Tree**—A shrub-like Peony with woody branches that do not die back to the ground in winter. The flowers are very large and show a wide range of color schemes never found in the other forms, such as pure bright reds, brilliant scarlets, maroons and ruddy wine shades. Beside these richer hues appear delicate colorings of soft blush, rose, dainty mauve and lovely white sorts with great bunches of golden stamens. The seedling plants are all beautiful and desirable, although they will show a large proportion of maroon flowers and fewer of the other shades. It is well to remember, however, that every named variety was once a seedling. 10 seeds for 25c; 25 seeds for 50c; 50 seeds for 90c; 100 seeds for \$1.70; 500 seeds for \$7.50.

**Peony Collections**—One packet each of the above three Peonies for 50c.

## SCILLA OR BLUE-BELL

**Scilla Campanulata**—Spanish Blue-bell. Colors include various and beautiful shades of blue, together with white, pink and rose. The bell-shaped blooms are carried in tall, rather loose and graceful spikes. Blooms in May. Forces well. Hardy. Good for rockeries, but also effective for cutting or in the border. Mixed colors. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.00.

**Scilla Italica**—Italian Blue-bell. The pale blue flowers are intensely sweet with the fragrance of lilacs, and are carried in dense racemes fifteen inches or more in height. Blooms in early spring. Hardy. Particularly good as a cut flower. Pkt. 20c; special pkg. 45c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$2.50.

**Scilla Nutans**—English Blue-bell. One of the prettiest of the Scillas, and ideal for naturalizing in woodlands or beneath trees. Hardy, but prefers light shade. Type of bloom is blue but it varies into purple, lilac, white and rose. Sweet-scented. Pkt. 15c; special pkg. 30c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.00.

## SISYRINCHIUM

**Sisyrinchium Bellum**—Rush Lily. Slender rush-like foliage above which are carried delicate blue flowers with the sheen of silk, one to four on a stem. Very pretty and exceedingly easy to grow from seed. Entirely hardy. Pkt. 20c; special pkg. 50c.

**Sisyrinchium Striatum**—Satin Flower. Glossy bright yellow flowers, striped with deeper yellow toward the center. A rare treasure from the Argentine. Probably hardy. Pkt. 25c; special pkg. 65c.

## SOUTH AFRICAN BULBS

Delightful Gifts from the Land of Bulbs.

**Agapanthus Umbellatus**—The Blue African Lily. Established plants will often throw hundreds of flowers in a season on 2 to 3 foot spikes. Needs plenty of water. May be grown in tubs or directly in the open border, and wintered in a light cellar. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. 90c.

**Albuca Major**—A tall growing summer-blooming bulb with very pretty creamy yellow flowers. Hardy if mulched, or bulbs may be stored in winter. Forces well. Pkt. 20c; special pkg. 50c.

**Streptanthera Mixed**—An odd but fascinating bulbous plant, possessing real beauty. Flowers have purple tubes and copper-yellow segments, stained purple at base and with pale primrose spot on each side. There are many interesting variations of this. Grows nine inches high. Pkt. 25c; special pkg. 65c.

**Wachendorffia Thrysisiflora**—A tall growing bulbous plant from South Africa, with panicles of showy yellow and russet flowers, on stems four to five feet high. The foliage is a rich bronzy green. Likes damp places. Summer blooming but almost evergreen. Requires winter protection. Pkt. 20c; special pkg. 50c.

**Aristea Capitata**—Blossoms are a most intense shade of brilliant blue, being one of the few tall growing blue flowering bulbs. Slender foliage, but flower spikes often six feet tall. Northern range of hardiness not yet determined. Comes easily from seed. Pkt. 25c; special pkg. 60c.

**Aloe, True African**—Rugged plants with thick succulent spiky leaves and tall heads of attractive flowers in various shades of yellow, orange and scarlet. Usually grown in large pots or tubs. Long-lived. 20 seed pkt. for 15c; 100 seeds for 60c; 250 seeds for \$1.25.

## SOUTH AMERICAN BULBS

Three Gems from Our Neighbor Continent.

**Alstroemeria Mixed**—The Chilean Lily. Rose, orange and yellow flowers, variously marked. For forcing, or hardy with protection. Grows most readily from seed. Mixed colors only. Pkt. 25c; special pkg. 75c;  $\frac{1}{4}$  oz. \$1.75.

**Leucocoryne Ixioides**—Glory of the Sun. A little known bulb from Chile, bearing 4 to 6 large fragrant star-like pale blue flowers on 18-inch stems. Long lasting when cut. Starts blooming in early August. Decidedly rare Pkt. 50c.

**Erythrina Cristi-Galli**—Most attractive spikes of large coral scarlet flowers on bushy plants. Has thick roots that will winter in a cellar if packed in sand or earth. Large bean-like seeds, which grow quickly and strongly, usually giving some flowers the first year. Should be more widely known, for it is really a very fine thing. Pkt. of 5 seeds for 25c; 25 seeds for \$1.00; 100 seeds for \$3.75.

## THE TIGRIDIA GROUP

**Tigridia Hybrids**—Shell Flower. This interesting bulb grows freely from seed, blooming the second season or sometimes even the first. Requires rich soil and plenty of moisture. The large shell shaped flowers vary from yellow and apricot through orange, to scarlet, always spotted with a contrasting color. Sometimes white, pink or lilac forms will appear. Almost ever-blooming. Store in warm dry cellar over winter. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.50.

**Hexaglottis Virgata**—A rather rare South African bulb bearing dainty bright yellow flowers, in appearance between a Tigridia and an Iris. Worth growing. Pkt. 25c.

**Homeria Collina**—Bobartia. Flowers of tawny orange, marked with scarlet. Easily grown. May be stored in winter or carried over in a frame. Very ornamental, blooming abundantly and continuously. Allied to Tigridia. Pkt. 25c.

## TULIPS FROM SEED

Tulip seeds offered below are all saved from choicest named sorts. Growing Tulips from seed to blooming size requires patience but each seedling is technically a new variety, and some of them should be different enough and fine enough to warrant naming and propagating. There is no real reason why Holland should produce all the Tulip novelties.

**Tulip, Single Early Blend**—Saved from some thirty of the most brilliantly colored early flowering varieties. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.50.

**Tulip, Darwin Mixed**—A popular tall late flowering class, containing the finest blue and lavender varieties, together with soft salmon pink, clear rose, deep red and maroon sorts. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.



**Tulip, Cottage Mixed**—Late flowering. Tall. The Cottage class contains our finest yellows, together with pink, salmon, rose, strawberry apricot, orange and scarlet shades. No blue or purple. Mixed only. Pkt. 25c; special pkg 60c.

**Tulip, Old Dutch Mixed**—Tallest, largest and richest in color. Golden bronze, orange, mahogany, claret, autumn brown and velvety purple hues. Pkt. 25c; special pkt. 60c;  $\frac{1}{4}$  oz. \$1.25.

**Tulip, Louis XIV**—This has been well called the King of Tulips. Giant flowers of rich purple turning to velvet brown at the edges, and flushed with golden bronze. Seedlings from this will vary, but some of them should be well worth naming. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.25.

**Tulip Collection**—One pkt. each of the above five Tulips for \$1.00.

### WEST COAST BULBS

**Bloomeria Crocea**—Attractive summer blooming bulbs, bearing umbels of bright golden orange flowers on 18-inch stems. Hardy north if protected in winter with straw or leaves. Seeds germinate very quickly. Pkt. 25c; special pkg. 60c.

**Chlorogalum Pomeridanum**—Amole or Noon Flower. Bulbs bearing 4 to 5 foot spikes of many small star-like white flowers, veined with purple. Opens in the afternoon. Easy culture. Pkt. 25c; special pkg. 60c.

**Zygadenus Fremonti**—A pretty flowering bulb from our own West Coast; better known in Europe than in America. Easy to grow but does not like overly dry soil. Bears tall branched spikes of creamy yellow flowers. Pkt. 20c; special pkg. 50c.

**Yucca Filamentosa**—Adam's Needle. Ornamental evergreen dagger-shaped foliage, above which rise in June great spikes of large pale cream, almost white, flowers. These are ordinarily 4 to 6 feet high, but established plants in rich soil will sometimes throw bloom spikes 10 to 12 feet tall. Entirely hardy. Seed comes up very quickly. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 75c;  $\frac{1}{4}$  lb. \$2.25.

### ZEPHYRANTHES

**Zephyranthes Candida**—Zephyr Lily. Snowy white flowers carried above masses of richest green grass-like foliage. Makes a beautiful border or edging plant, blooming continually from early August until November. Almost hardy, but best stored in winter like Gladioli. Comes quickly from seed. Pkt. 30c.

**Zephyranthes Carinata**—Fairly Lily. Deep rosy pink flowers, some 3 or 4 inches across, carried on foot-high stems. Blooms from June until frost. Makes a delightful pot or porch plant but also flourishes under gladiolus culture in the garden. Seedlings grow vigorously and flower in one year. Pkt. 30c; special pkg. 75c.

## LILIES FROM SEED

Possibly the easiest way of propagating lilies in quantity is to grow them from seed, and this seed may be sown in either spring or autumn. The planting may be made in carefully prepared open ground beds, in cold frames, in greenhouses or in boxes or pots placed in a sunny window. With the exception of a very few special species, sowing in open ground beds or in cold frames will be found perfectly satisfactory.

**Lilium Auratum**—The Great Gold Banded Lily of Japan. The most gorgeous of all lilies. Flowers of enormous size, mostly pure white with a wide golden yellow band through the center of each petal. Sometimes the petals are dotted with crimson, or the entire flower may even have a faint carmine suffusion. *Lilium Auratum* is hardy, but imported bulbs are often short-lived, and it is claimed that seedling stock is much more persistent. One of the easy lilies to grow from seed, although the seed often lies in the ground for a considerable time before germinating. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.50;  $\frac{1}{4}$  lb. \$11.00.

**Lilium Browni**—Long tubular flaring flowers, creamy white within, with golden throat; outside flushed rich rosy purple. Petals heavy and wax-like. Faint but delightful fragrance. Hardy in well-drained soil. Pkt. 30c; special pkg. 75c.

**Lilium Canadense**—A dainty hardy lily with nodding bell-shaped blooms, varying from clear yellow to rich red, all dotted with velvety maroon. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 90c.

**Lilium Cernuum**—The Lilac Lily. Except for its delicate and alluring color, it is practically a *L. Tenuifolium*. The flowers are soft lilac rose, shaded with wine purple. Fragrant. Hardy, coming from the Korean Mountains. A dainty lily for rockery or border planting. Grows quickly from seed. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.75; 1 oz. \$6.00.

**Lilium Colchicum (L. Monadelphum)**—A wonderfully beautiful lily from the Caucasus Mountains. The large fragrant flowers are a pure buttercup yellow. Blooms in late spring. Hardy. Seed germinates rather slowly. Pkt. 25c; special pkg. 65c;  $\frac{1}{4}$  oz. \$2.00.

**Lilium Columbianum**—Slender stems carry racemes of pretty little recurved bright orange flowers, faintly dotted maroon purple. Hardy in well-drained soils. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.00.

**Lilium Concolor**—The Red Star Lily. Upright star-like flowers of brightest vermilion. Absolutely hardy and rivals *L. Tenuifolium* in the ease with which it may be grown from seed. Dwarf and fits well in the rock garden. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.50; 1 oz. \$5.00.



**Lilium Croceum**—The Orange Lily of Europe. Chalice-shaped flowers of pure radiant orange. Exceedingly hardy and vigorous, growing readily from seed. A lily for every garden, and cannot be too highly recommended. Pkt. 25c; special pkt. 70c;  $\frac{1}{4}$  oz. \$1.75; 1 oz. \$6.00.

**Lilium Davuricum**—The Candlestick Lily. Bears several erect flowers, buff yellow at base, shading to red, sometimes dotted with black. Crosses readily with *L. Croceum* and with the hybrid sorts of the *Umbellatum* and *Elegans* strains, giving rise to many interesting variations. A native of Siberia. Pkt. 35c; special pkg. 85c.

**Lilium Duchartrei (L. Farreri)**—The Marble Mar-tagon. Snowy white recurved flowers, marbled with purple, on two-foot stems. Particularly good for pot culture. In the open ground it requires a partially shaded position with soil rich in humus, but well drained. Rare. Pkt. 50c.

**Lilium Elegans**—A rather dwarf early blooming lily, bearing umbels of large upright cup-shaped flowers. Most of these will be in shades of orange, but some will vary into yellow, apricot and red. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.50.

**Lilium Giganteum**—The true form; seed collected in the Himalayas. A majestic lily with sturdy stems, often 10 to 12 feet in height, and carrying as many as 20 of the long fragrant drooping flower trumpets. These are pure white, but shaded at base with rich green-purple. The foliage is entirely distinct from the usual lily leaf form, large and heart-shaped, and of a dark glossy green. Requires some shade and protection from winds. Pkt. 30c; special pkg. 75c;  $\frac{1}{4}$  oz. \$1.75; 1 oz. \$6.00.

**Lilium Henryi**—A very hardy tall growing lily of late summer, with many large recurved flowers of deepest golden amber. Thrives in sun or shade and grows as quickly as the *Regale* from seed. A beautiful lily and cannot be too strongly recommended. Pkt. 25c; special pkg. 65c;  $\frac{1}{4}$  oz. \$1.75; 1 oz. \$6.00.

**Lilium Humboldti Magnificum**—The tall graceful stems bear great whorls of golden orange flowers, variably spotted and stained with rich red. Rather rare, but quite hardy and very fine. Pkt. 25c; special pkg. 65c;  $\frac{1}{4}$  oz. \$1.75.

**Lilium Japonicum (L. Krameri)**—Trumpet-shaped flowers of delightful soft rosy pink. Fragrant. A wonderful lily for pot culture, plunging the pots in the border for summer flowering. May also be grown in the open ground the year around, if well drained and given some cover. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.50.

**Lilium Kelloggii**—The slender brown stems bear several dainty reflexed flowers; in color an exquisite mauve pink, occasionally dotted maroon or banded yellow, and carrying the delicate fragrance of the Clematis. Not an easy lily, but will succeed with care. Thrives best in well-drained pockets in the rock garden. Pkt. 35c; special pkg. 85c.

**Lilium Lowi (L. Bakerianum)**—Fairly large pendant bell-shaped flowers hung from slender stems. The blooms are sweet scented, creamy white in color, variably dotted with olive brown. An attractive lily for the cool greenhouse or for pot culture, but not very hardy out-of-doors in the north. Pkt. 40c.

**Lilium Longiflorum**—The Easter Lily. Snowy white, fragrant, trumpet-shaped blooms. Known chiefly as a forcing lily, but may be satisfactorily grown out-of-doors in the north if planted deeply in well-drained soil, and mulched with straw or leaves after the ground has frozen a crust. Will bloom in less than a year from seed. Pkt. 25c; special pkg. 65c;  $\frac{1}{4}$  oz. \$1.65.

**Lilium Martagon**—A most reliable hardy Lily. Great spikes of flowers with thick waxy petals. Varies in color from wine violet to royal purple. Pkt. 25c; special pkg. 65c;  $\frac{1}{4}$  oz. \$1.65.

**Lilium Martagon Album**—A very pretty and desirable pure white form of Martagon, and even easier to grow from seed. A graceful Lily, with often 20 or more flowers carried on one stem. Hardy. Pkt. of 25 seeds for 20c; 50 seeds for 35c; 100 seeds for 60c; 250 seeds for \$1.50; 500 seeds for \$2.75.

**Lilium Maximowiczii (L. Leichtlini Max.)**—A most satisfactory and thoroughly hardy Lily, in appearance much like L. Tigrinum, but a better color and more refined in every way. Red orange, dotted rich brown. Seedlings grow rapidly. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.00.

**Lilium Nepalense**—A very rare lily, probably best handled in pots or the cool greenhouse in the north. The flowers are of flaring trumpet form, pale yellow, deeply stained purple within. Pkt. 40c.

**Lilium, New Hybrids**—A blend of seeds from three entirely distinct strains of hardy hybrid Lilies, and will carry a great variation of interesting forms. Flower colorings will range from creamy white and pale yellow through apricot, buff and golden orange to shades of rich purple. Many of the blooms will show pink or rose suffusions; others will be dotted with a contrasting hue or stained with olive or rosy violet. 25 seed pkt. for 35c; 50 seeds for 65c; 100 seeds for \$1.20; 250 seeds for \$2.75; 1000 seeds for \$8.50.

**Lilium Ochraceum**—An exceedingly variable Lily in both color and form of bloom. Flowers are stained violet on a ground color that may range from pale cream to deep yellow or even carry an olive green suffusion. Occasionally the violet shading is entirely absent. This is a lily for greenhouse or for pot culture in the north. Pkt. 40c.

**Lilium Pardalinum**—The Panther Lily. Established bulbs carry splendid pyramids of nodding reflexed orange flowers, marked with crimson. Very hardy. Makes big clumps. One of the surest Lilies for the amateur. Pkt. 25c; special pkg. 65c;  $\frac{1}{4}$  oz. \$1.75.

**Lilium Parryi**—A rather dwarf, most graceful Lily from the high canyons of the Sierras. The fairly large delightfully perfumed flowers are usually of clear unmarked lemon yellow, but sometimes lightly dotted chocolate. A gem and one that may be successfully grown in the north, with some care. Pkt. 40c; special pkg. 90c.

**Lilium Philippinense Formosanum**—A charming Lily with very long trumpets, translucent snowy white except for a slight purple suffusion on the reverse. Has a pleasing fragrance. It is a fine pot species, and reasonably hardy outside in the middle States. One of the quickest of all Lilies from seed. Pkt. 35c; special pkg. 85c.

**Lilium Pomponium**—Strong stems, three to four feet high, carry up to a dozen brilliant scarlet flowers with wax-like reflexed petals. June-blooming. Hardy. Pkt. 35c; special pkg. 85c.

**Lilium Regale**—One of the finest of hardy Lilies. Established bulbs will throw stems 3 to 4 feet high, bearing several great trumpets of snowy white, but with golden throat and rosy pink on the reverse. Seed sown in beds in the open ground will flower in two years or sooner. Pkt. 10c;  $\frac{1}{4}$  oz. 25c;  $\frac{1}{2}$  oz. 40c; 1 oz. 65c;  $\frac{1}{4}$  lb. \$2.00; 1 lb. \$6.50.

**Lilium Rubellum**—A dainty little Lily with several small sweet scented flaring flowers of purest rose pink. A lovely lily for pot culture and quite hardy outside in well-drained soils. Grows well from seed. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.45.

**Lilium Rubescens**—The Violet Lily. Flowers open pale lilac, but gradually become flushed with rosy violet and dotted with pansy purple. The petals overlap in tubular form but have recurved flaring tips. Intensely fragrant. Likes light shade. Quite hardy, although it requires some care to establish. Pkt. 40c; special pkg. 90c;  $\frac{1}{8}$  oz. \$2.00.

**Lilium Sargentiae**—Compared with Regale, this noble hardy lily grows considerably taller and blooms a few weeks later. The fragrant flowers, of spreading trumpet form, are pure white within, the deeper throat showing canary, but outside a rich red brown. Propagated both from seeds and from bulbils formed in the axils of the leaves. Hardy. Pkt. of 25 seeds for 20c; 50 seeds for 35c; 100 seeds for 60c; 250 seeds for \$1.50.

**Lilium Speciosum Magnificum**—Large flowers of brilliant carmine rose, flushed and shaded on a white ground. One of the hardiest and easiest grown of Lilies. A truly magnificent species. Pkt. 30c; special pkg. 85c;  $\frac{1}{4}$  oz. \$2.00; 1 oz. \$7.00.

**Lilium Superbum**—A stately late blooming Lily with flowers in various combinations of red and yellow, sometimes all of one color except for the purple dotting at the base, again of yellow, suffused with red and shading to pure maroon at the petal tips. In suitable soil it attains a height of 7 to 9 feet and carries up to 50 flowers. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.50.

**Lilium Tenuifolium**—The Coral Lily. A pretty, dwarf, early blooming sort, carrying many waxen recurved flowers of most intense coral scarlet. Excellent material for rock garden planting and valuable likewise for bedding or clump planting in the hardy border. Forces well. A native of Siberia. Usually blooms in one year from seed. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.65; 1 oz. \$5.50.

**Lilium Wallichianum**—A rather rare lily from the Himalaya foothills. Bears umbels of handsome fragrant funnel-shaped flowers that vary from palest primrose to creamy white. Hardiness not yet determined. Probably best handled in pots in the north. Pkt. 35c.

**Lilium Washingtonianum**—Opens pure white, but shortly the flowers become suffused with bright rose-shaded purple. There are many variations of this coloring, all of them attractive. An exquisite sort, and the only White Lily native in America. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.65; 1 oz. \$5.50.

**Lilium Wilmottiae**—Recurved flowers of vivid apricot orange spotted with rich brown. Blooms freely. Very graceful. Entirely hardy. Flowers the second year from seed, which grows strongly. Still rare. Pkt. 35c; special pkg. 85c;  $\frac{1}{8}$  oz. \$1.75;  $\frac{1}{4}$  oz. \$3.25.

**Lily Collection**—One packet each of ten of the hardiest and easiest grown lilies, my selection of varieties, for \$1.75.

## WATER LILIES OR NYMPHEAS

All water, whether it be lake, pond or garden pool, seems to hold a certain fascination, and if water lilies in all their rare colorings float on its surface, the charm is intensified. It is not necessary to have even a pool to enjoy water lilies. They may be grown in half barrels, or in any water-tight container two feet or more across.

Sow water lily seed in pots or pans of good soil, covering the seed with  $\frac{1}{4}$  inch of sand. Submerge the pot so that at least two inches of water stands above it. Keep in full sun at room temperatures. When the seedlings have made two leaves, pot them up singly, again placing them under water.



Plant the water lily tubers when large enough in rich mud at bottom of pool. Tender varieties may be planted in boxes sunk in the water, transferring these when cold weather comes to tubs in the cellar to ripen off. After the foliage has died, the tubers may be stored in damp sand. All of the varieties listed below are tender except *N. Tetragona Alba*.

***Nymphaea Tetragona Alba***—A hardy water lily that grows readily from seed. The flowers are smaller than those of other pond lilies, about two inches across, but it is the freest bloomer of all. Snowy white blossoms with big bunches of golden stamens. Pkt. 25c; special pkg. 65c.

***Nymphaea Bissetti***—Beautiful clear pink cup-shaped flowers, 8 to 10 inches in diameter. Pkt. 25c.

***Nymphaea Dentata Superba***—The largest pure white water lily grown, with blooms often 12 inches across. Very desirable. Pkt. 25c.

***Nymphaea, Geo. Huster.*** Fine flowers of brilliant deep rich crimson. Pkt. 25c.

***Nymphaea Sturtevanti***—Massive tulip-shaped flowers of brightest possible red. Pkt. 25c.

***Nymphaea Zanzibariensis Azurea***—Fine large flowers, mostly of clear bright blue, but seedlings show some variation. Pkt. 25c; special pkg. 65c.

***Nymphaea Zanzibariensis Rosea***—Blossoms in various shades of rose. Very free blooming. Pkt. 25c; special pkg. 65c.

***Nymphaea Collection***—One packet each of the above seven Water Lilies, for \$1.50.

## OTHER INTERESTING PLANTS

The various sorts offered below are not bulbs nor of a bulb-like nature, but they are all desirable, and they may all be grown easily from seed.

***Cactus, Ornamental Blend***—Cacti, the most curious of plants in point of their odd diversity of form, are yet among the most beautiful if we consider the fragrance, size and rich coloring of their flowers. They are particularly suitable for window culture, thriving even under neglect, and they likewise offer an effective contrast when plunged in the rockery for the summer, or grouped attractively in the open border. Tiny Cacti are much used in the new hobby of "dish gardening." All members of the Cactus family grow readily from seed. Pkt. of 35 seeds for 25c; 100 seeds for 60c; 500 seeds for \$2.50; 1000 seeds for \$4.00.

***Cactus, Hardy Blend***—We think of Cacti as rather exotic plants, but there are a number of interesting and variable forms that are hardy in the north, some even in Canada. These may be left in the open ground the year around, but it is well to give them some protection from heavy snows that may break down the fragile branches. The hardy Cacti all have attractive flowers, mostly in shades of sulphur yellow, rose or red-orange. Pkt. of 35 seeds for 25c; 100 seeds for 60c; 500 seeds for \$2.50; 1000 seeds for \$4.00.

**Crotalaria Retusa**—Dwarf Golden Pea. Bushy plants two feet high, bearing many lupine-like spikes of golden yellow flowers, shaded with deep orange. The individual blossoms resemble those of the sweet pea. A very fine, easily grown annual, flowering freely from spring-sown seed. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.00.

**Dianthus Allwoodi**—A new hybrid, intermediate between the Carnation and the Clove Pink. Has much of the habit of the latter, being hardy and free-blooming, but the flowers are quite like those of the Carnation. Varied colors. Pkt. 25c; special pkg. 60c.

**Fern, Hardy Outdoor Blend**—This contains all the more attractive hardy ferns, including a number of sorts that will grow luxuriantly in full sunshine. Sow the spores on the surface of clean friable soil, in flats or pots. Cover the pots with panes of glass until germination takes place. It is well to heat the soil first, to destroy fungi. Ferns are easily grown from spores if these simple directions are followed. Pkt. 25c; special pkg. 60c.

**Orchid, Hardy Outdoor Blend**—It is not ordinarily known that a large number of Orchids are perfectly hardy and may be grown out-of-doors. Most of them prefer light shade and rich soil that is not too dry. Many interesting kinds may be readily naturalized under such conditions. Pkt. 25c.

**Papaver Aculeatum**—The Buff Poppy. An annual poppy from South Africa, interesting because of its unusual coloring, which varies from buff or terra cotta to deepest orange. Pkt. 15c; special pkg. 35c.

**Rose, Hybrid Perpetual Blend**—This should produce from 50 to 75% of really fine double flowers. Rose seed germinates somewhat unevenly, most of it coming in about two months, and the plants will usually begin flowering when about six months old. Pkt. 25c; special pkg. 65c.

**Rose, Hybrid Tea Blend**—Hybrid Tea Roses tend to be ever-blooming. The color range includes yellow, apricot, copper and orange, as well as the more usual white, pink and red. Pkt. 25c; special pkg. 65c.

**Sedum Mixed**—Hardy perennials grown primarily for the ornamental value of the thick succulent leaf and stem formation, although many of them have also most attractive flowers. The plants vary in form and habit almost as widely as do the species of Cacti. Ideal for the rockery. Pkt. 25c.

**Viola Papilionacea**—Butterfly Violet. Probably the hardiest and easiest grown of all the Violets. The flowers, of deep violet purple, are produced in enormous profusion. The robust plant clumps with their rich green foliage, have considerable beauty, even when not in bloom. Pkt. 20c; special pkg. 50c.